

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) An array of protein-binding agents stably attached to the surface of a solid support, said array comprising:

a solid substrate having a substantially planar surface comprising a layer of aluminum formed on a glass base material, the aluminum coated with about 200 to 900Å of SiO₂ non-native oxide-coated metal;

a plurality of different protein-binding agents bound to said substrate, each of said protein-binding agents comprising,

an anchoring segment stably bound to the substrate surface,

a peptidomimetic protein-binding segment, and

a linker segment connecting and separating the anchoring and peptidomimetic segments.

2-59. (canceled)

60. (currently amended) The array of claim 1 59, wherein said ~~oxide-coated metal~~ substrate surface further comprises an organic chemical modification group layer between the oxide and the protein-binding agents.

61. (currently amended) The array of claim 60, wherein said organic chemical modification group layer comprises an aminosilane.

62. (previously presented) The array of claim 61, wherein said aminosilane is functionalized with a maleimide.

63. (previously presented) The array of claim 62, wherein said peptidomimetic segment is a peptoid.

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